



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bak et al.

Application No.: 09/896,075

Filed: June 28, 2001

Title: INLINE DATABASE FOR RECEIVER
TYPES IN OBJECT-ORIENTED SYSTEMS

Attorney Docket No.:
SUN1P146C1/2296

Examiner: NGUYEN, VAN H.

Group: 2194

Confirmation No.: 1850

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on March 9, 2006 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: _____


Susan W. Xu

**INFORMATION DISCLOSURE STATEMENT
BEFORE FINAL ACTION OR NOTICE OF ALLOWANCE
(37 CFR §§ 1.56 AND 1.97(c))**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of non-US patent references are attached, may be material to examination of the above-identified patent application.

Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, or after three months of the filing date of this application, whichever event occurred last, but it is believed before the mailing date of either: (i) a final action under §1.113 or (ii) a notice of allowance under §1.311, whichever occurs first.

Accompanying this Information Disclosure Statement is the fee set forth in 37 CFR 1.17(p).

Enclosed is our Check No. 29289 for \$180.00 in payment of the Information Disclosure Statement Fee. If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. SUN1P146C1).

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP



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Form 1449 (Modified)

Information Disclosure
Statement By Applicant

(Use Several Sheets if Necessary)

Atty Docket No.
SUN1P146C1/2296Applicant:
Bak et al.Filing Date
June 28, 2001Application No.:
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2194

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A1	4,399,507	08/16/83	Cosgrove et al.			06/30/81
	A2	4,491,912	01/01/85	Kainaga et al.			03/16/82
	A3	4,658,351	04/14/87	Teng			10/09/84
	A4	5,274,817	12/28/93	Stahl			12/23/91
	A5	5,329,611	07/12/94	Pechanek et al.			01/21/93
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	A32	6,038,394	03/14/00	Layes et al.			01/08/98
Examiner				Date Considered			

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No.	Application No.:
	SUN1P146C1/2296	09/896,075
	Applicant:	
	Bak et al.	
	Filing Date	Group
	June 28, 2001	2194

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	A33	6,044,220	03/28/00	Breternitz, Jr.			02/25/97
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Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
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	B2	0718760 A2	06/26/96	EP				
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	B4	58056153	04/02/83	JP				

Other Documents

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	C1	Lindholm et al., "The java Virtual Machine Specification, First Edition", 1996.
	C2	Lemaire et al., "Fast Return Branch", Volume 24, No. 11B, April 1982, IBM Technical Disclosure Bulletin, pages 6179-6183.
	C3	Helvig et al., "Exception Condition Sequencer", Volume 22, No. 4, September 1979, IBM Technical Disclosure Bulletin, pages 1627-1634.
	C4	Holzle et al., "Debugging Optimized Code with Dynamic Deoptimization", June 1992, ACM SIGPLAN '92 Conference on Programming Language Design and Implementation, San Francisco.
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	C6	Hsieh et al., "Java Bytecode to Native Code Translation: The Caffeine Prototype and Preliminary Results," p. 90-97, December 1996.
	C7	Lambright, "Java Bytecode Optimizations," p.206-210, February 1997.
	C8	Pittman, Thomas, "Two-Level Hybrid Interpreter/Native Code Execution for Combined Space-Time Program Efficiency," ACM, p. 150-152, June 1987.
	C9	Kaufer et al., "Saber-C, an interpreter-based Programming Environment for the C language," USENIX, p. 161-171, June 1988.
Examiner		Date Considered

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	C10	Davidson et al., "Cint: A RISC Interpreter for the C Programming Language," ACM, p. 189-198, June 1987.
	C11	Franz, Michael, "Run-Time Code Generation as a Central System Service," The Sixth Workshop on Hot Topics in Operating Systems, Cape Cod, MA, USA, 5-6 May 1997, pages 112-117, XP002134950.
	C12 -23	Office Actions and Responses from Prior Application No. 08/884,856, Patent No. 6,513,156.
	C24 -27	Office Actions and Responses from Prior Application No. 08/944,332, Patent No. 6,317,796.
	C28 -30	Office Actions and Responses from Prior Application No. 08/944,735, Patent No. 5,970,249.
	C31 -32	Office Actions and Responses from Prior Application No. 08/944,335, Patent No. 6,009,517.
	C33 -44	Office Actions and Responses from Prior Application No. 08/944,326, Patent No. 6,553,426.
	C45 -50	Office Actions and Responses from Prior Application No. 08/944,331, Patent No. 6,385,660.
	C51 -52	Office Actions and Responses from Prior Application No. 08/944,334, Patent No. 5,995,754.
	C53	European Search Report from European Patent Application No. EP98307754.
	C54	European Search Report from European Patent Application No. EP98307749.
	C55	European Search Report from European Patent Application No. EP98307744.
	C56	European Search Report from European Patent Application No. EP98307752.
	C57	Steensgaard, "Object and native code thread mobility among heterogeneous computers," Operating Systems Review, Dec. 1995 ACM, USA, pages 68-78, XP002276577.
	C58	Mcdermott, "An efficient environment allocation scheme in an interpreter for a lexically-scoped LISP," Stanford University, CA, USA, August 27, 1980, pages 154-162, XP002275959.
	C59	Hudak, "A combinatory-based compiler for a functional language," , Salt Lake City, UT, USA, Jan. 18, 1984, pages, 122-132, XP002275960.
	C60	Deutsch, "Efficient implementation of the Smalltalk-80 system," Proceedings of the 11 th ACM Sigact-Sigplan Symposium on Principles of Programming Languages, Salt Lake City, UT, USA, Jan. 18, 1984, pages, 297-302, XP002276578.
	C61	Ramji et al., "Distributed and Optimistic Make: Implementation and Performance," IPCCC 1992, XP000302614.
Examiner		Date Considered

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